

L Number	Hits	Search Text	DB	Time stamp
9	14	((("6471420") or ("5774357") or ("5940798") or ("4545065") or ("6385582") or ("6243675") or ("6112173") or ("5956681") or ("6133904") or ("6211870") or ("5812977") or ("5400246") or ("6463412") or ("5963892"))).PN.	USPAT: EPO: JPO	2002/12/10 10:21
10	8	((("6471420") or ("5774357") or ("5940798") or ("4545065") or ("6385582") or ("6243675") or ("6112173") or ("5956681") or ("6133904") or ("6211870") or ("5812977") or ("5400246") or ("6463412") or ("5963892"))).PN.) and (radio or wireless or cellular or cell)	USPAT: EPO: JPO	2002/12/10 10:51
13	0	((("6471420") or ("5774357") or ("5940798") or ("4545065") or ("6385582") or ("6243675") or ("6112173") or ("5956681") or ("6133904") or ("6211870") or ("5812977") or ("5400246") or ("6463412") or ("5963892"))).PN.) and 623/9.ccls.	USPAT: EPO: JPO	2002/12/10 10:52
14	0	((("6471420") or ("5774357") or ("5940798") or ("4545065") or ("6385582") or ("6243675") or ("6112173") or ("5956681") or ("6133904") or ("6211870") or ("5812977") or ("5400246") or ("6463412") or ("5963892"))).PN.) and 623/9.ccls.	USPAT: EPO: JPO	2002/12/10 10:52
15	0	((("6471420") or ("5774357") or ("5940798") or ("4545065") or ("6385582") or ("6243675") or ("6112173") or ("5956681") or ("6133904") or ("6211870") or ("5812977") or ("5400246") or ("6463412") or ("5963892"))).PN.) and 623/9-926.ccls.	USPAT: EPO: JPO	2002/12/10 10:54
16	734	(recogni\$4) and 623/1.23-9.ccls.	USPAT: EPO: JPO	2002/12/10 10:54
17	1106	recogni\$4 and 623/9-926.ccls.	USPAT: EPO: JPO	2002/12/10 10:54
18	24	((recogni\$4) and 623/1.23-9.ccls.) or (recogni\$4 and 623/9-926.ccls.)) and (speech or voice) same recogni\$4	USPAT: EPO: JPO	2002/12/10 10:59
19	2	((recogni\$4) and 623/1.23-9.ccls.) or (recogni\$4 and 623/9-926.ccls.)) and (speech or voice) same recogni\$4 and 704/.ccls.	USPAT: EPO: JPO	2002/12/10 11:00
20	1	((recogni\$4) and 623/1.23-9.ccls.) and (detect\$4 same ((artificial or synthetic) with speech))	USPAT: EPO: JPO	2002/12/10 11:02
21	1	(recogni\$4 and 623/9-926.ccls.) and (detect\$4 same ((artificial or synthetic) with speech))	USPAT: EPO: JPO	2002/12/10 11:02
22	1	((recogni\$4) and 623/1.23-9.ccls.) and (detect\$4 same ((artificial or synthetic) with speech))) or ((recogni\$4 and 623/9-926.ccls.) and (detect\$4 same ((artificial or synthetic) with speech)))	USPAT: EPO: JPO	2002/12/10 11:02
25	506	704/.ccls. and (picture or camera or image or photo or photograph) and synthe\$8 with speech	USPAT: EPO: JPO	2002/12/10 12:55
26	154	(704/.ccls. and (picture or camera or image or photo or photograph) and synthe\$8 with speech) and (education or training)	USPAT: EPO: JPO	2002/12/10 13:37
27	76	((704/.ccls. and (picture or camera or image or photo or photograph) and synthe\$8 with speech) and (education or training)) and feedback	USPAT: EPO: JPO	2002/12/10 13:37
32	1	((("6471420") or ("5774357") or ("5940798") or ("4545065") or ("6385582") or ("6243675") or ("6112173") or ("5956681") or ("6133904") or ("6211870") or ("5812977") or ("5400246") or ("6463412") or ("5963892"))).PN.) and reality	USPAT: EPO: JPO	2002/12/10 15:13

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33	27	704/.ccls. and (virtual or augmented) with reality	USPAT: EPO: JPO	2002/12/10 14:48
37	24	((("6471420") or ("5774357") or ("5940798") or ("4545065") or ("6385582") or ("6243675") or ("6112173") or ("5956681") or ("6133904") or ("6211870") or ("5812977") or ("5400246") or ("6463412") or ("5963892") or ("6159014") or ("6072467") or ("6047257") or ("5689618") or ("5630017") or ("5387104") or ("5302132") or ("4884972") or ("6487531") or ("6154723"))).PN.	USPAT: EPO: JPO	2002/12/10 15:03
38	19	((("6471420") or ("5774357") or ("5940798") or ("4545065") or ("6385582") or ("6243675") or ("6112173") or ("5956681") or ("6133904") or ("6211870") or ("5812977") or ("5400246") or ("6463412") or ("5963892") or ("6159014") or ("6072467") or ("6047257") or ("5689618") or ("5630017") or ("5387104") or ("5302132") or ("4884972") or ("6487531") or ("6154723"))).PN.) and (dialog\$4 or convers\$6)	USPAT: EPO: JPO	2002/12/10 15:10
39	0	((("6471420") or ("5774357") or ("5940798") or ("4545065") or ("6385582") or ("6243675") or ("6112173") or ("5956681") or ("6133904") or ("6211870") or ("5812977") or ("5400246") or ("6463412") or ("5963892") or ("6159014") or ("6072467") or ("6047257") or ("5689618") or ("5630017") or ("5387104") or ("5302132") or ("4884972") or ("6487531") or ("6154723"))).PN.) and (augment\$4 with reality)	USPAT: EPO: JPO	2002/12/10 15:10
40	9	((("6471420") or ("5774357") or ("5940798") or ("4545065") or ("6385582") or ("6243675") or ("6112173") or ("5956681") or ("6133904") or ("6211870") or ("5812977") or ("5400246") or ("6463412") or ("5963892"))).PN.) and (improv\$6 or enhanc\$4 or expand\$4 or amplifi\$6 or enlarg\$6)	USPAT: EPO: JPO	2002/12/10 15:14
-	45	tracheoesophageal	USPAT: EPO: JPO	2002/12/07 15:37
-	0	tracheophageal	USPAT: EPO: JPO	2002/12/07 15:37
-	4961	transduc\$6 with (capacitor or electrostatic)	USPAT: EPO: JPO	2002/12/08 09:46
-	0	((("5220610" "4916743" "5355431" "5617505" "5621850" "5630015" "4385359" "5220595" "5471557" "5539861" "5539860" "5632002" "5963892" "6076061" "6243675" "6385582" "5828998" "6134525" "5751904" "6188984" "6134322" "5749066" "5809462" "5864803" "5867816" "6233555" "6233556" "5721808" "4827516" "4837828" "5278942" "5712956" "6073096" "6076058" "6112173" "6064964" "6094476" "5956681" "5999606" "6064959" "6219643" "6219643" "6246779" "4573134" "4928302" "4984275" "5384833" "5577164" "5671329" "5758318").pn.	USPAT: EPO: JPO	2002/12/08 09:46
-	5) and (transduc\$6 with (capacitor or electrostatic))	USPAT: EPO: JPO	2002/12/09 10:00
-	3	(transduc\$6 with (capacitor or electrostatic)) and 704/.ccls. and (image or picture or display or representation) not 6233545.pn.	USPAT: EPO: JPO	2002/12/08 10:15

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-	30	((("5220610" "4916743" "5355431" "5617505" "5621850" "5630015" "4385359" "5220595" "5471557" "5539861" "5539860" "5632002" "5963892" "6076061" "6243675" "6385582" "5828998" "6134525" "5751904" "6188984" "6134322" "5749066" "5809462" "5864803" "5867816" "6233555" "6233556" "5721808" "4827516" "4837828" "5278942" "5712956" "6073096" "6076058" "6112173" "6064964" "6094476" "5956681" "5999606" "6064959" "6219643" "6219643" "6246779" "4573134" "4928302" "4984275" "5384833" "5577164" "5671329" "5758318").pn.) and (image or picture or display or representation)	USPAT: EPO: JPO	2002/12/08 10:15
-	27	((("5220610" "4916743" "5355431" "5617505" "5621850" "5630015" "4385359" "5220595" "5471557" "5539861" "5539860" "5632002" "5963892" "6076061" "6243675" "6385582" "5828998" "6134525" "5751904" "6188984" "6134322" "5749066" "5809462" "5864803" "5867816" "6233555" "6233556" "5721808" "4827516" "4837828" "5278942" "5712956" "6073096" "6076058" "6112173" "6064964" "6094476" "5956681" "5999606" "6064959" "6219643" "6219643" "6246779" "4573134" "4928302" "4984275" "5384833" "5577164" "5671329" "5758318").pn.) and 704/.ccls. and (image or picture or display or representation) not 6233545.pn.	USPAT: EPO: JPO	2002/12/08 10:26
-	581	704/.ccls. and (image or icon or atavar) with (voice or speech) not 6233545.pn.	USPAT: EPO: JPO	2002/12/08 10:27
-	194	(704/.ccls. and (image or icon or atavar) with (voice or speech) not 6233545.pn.) and 704/231-257.ccls.	USPAT: EPO: JPO	2002/12/08 10:28
-	83	(704/.ccls. and (image or icon or atavar) with (voice or speech) not 6233545.pn.) and 704/251-257.ccls.	USPAT: EPO: JPO	2002/12/08 10:28
-	49	((("5220610" "4916743" "5355431" "5617505" "5621850" "5630015" "4385359" "5220595" "5471557" "5539861" "5539860" "5632002" "5963892" "6076061" "6243675" "6385582" "5828998" "6134525" "5751904" "6188984" "6134322" "5749066" "5809462" "5864803" "5867816" "6233555" "6233556" "5721808" "4827516" "4837828" "5278942" "5712956" "6073096" "6076058" "6112173" "6064964" "6094476" "5956681" "5999606" "6064959" "6219643" "6219643" "6246779" "4573134" "4928302" "4984275" "5384833" "5577164" "5671329" "5758318").pn. (home adj automation) with (setup or set-up) and (screen or image or display)	USPAT: EPO: JPO	2002/12/09 09:59
-	3	(home adj automation) with (setup or set-up) and (screen or image or display)	USPAT: EPO: JPO	2002/12/09 10:02
-	9	(home adj automation) with (setup or set-up or train\$4 or learn\$4) and (screen or image or display)	USPAT: EPO: JPO	2002/12/09 10:04
-	25	(home adj automation) and (setup or set-up or train\$4 or learn\$4) with (screen or image or display or icon)	USPAT: EPO: JPO	2002/12/09 10:15
-	23	((home adj automation) and (setup or set-up or train\$4 or learn\$4) with (screen or image or display or icon)) not ((home adj automation) with (setup or set-up or train\$4 or learn\$4) and (screen or image or display))	USPAT: EPO: JPO	2002/12/09 10:13

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-	24	((home adj automation) and (setup or set-up or train\$4 or learn\$4) with (screen or image or display or icon)) and (voice or speech)	USPAT: EPO: JPO	2002/12/09 10:14
-	25	((home adj automation) and (setup or set-up or train\$4 or learn\$4) with (screen or image or display or icon)) and (voice or speech or command)	USPAT: EPO: JPO	2002/12/09 10:15
-	24	((home adj automation) and (setup or set-up or train\$4 or learn\$4) with (screen or image or display or icon)) and (voice or speech or spoken)	USPAT: EPO: JPO	2002/12/09 10:15
-	11	(home adj automation) and (setup or set-up or train\$4 or learn\$4) with (picture or diagram or layout or screen or image or display or icon) and ((spoken or speech or voice) same (understan\$4 or recogni\$4))	USPAT: EPO: JPO	2002/12/09 10:17
-	0	((home adj automation) and (setup or set-up or train\$4 or learn\$4) with (picture or diagram or layout or screen or image or display or icon) and ((spoken or speech or voice) same (understan\$4 or recogni\$4))) not (((home adj automation) and (setup or set-up or train\$4 or learn\$4) with (screen or image or display or icon)) not ((home adj automation) with (setup or set-up or train\$4 or learn\$4) and (screen or image or display)))	USPAT: EPO: JPO	2002/12/09 10:17
-	49	speech adj impediment	USPAT: EPO: JPO	2002/12/09 14:31
-	131	704/.ccls. and (speech adj impediment or lisp or (voice or speech) with disorder)	USPAT: EPO: JPO	2002/12/09 14:35
-	115	(704/.ccls. and (speech adj impediment or lisp or (voice or speech) with disorder)) not (speech adj impediment)	USPAT: EPO: JPO	2002/12/09 14:35
-	16	(704/.ccls. and (speech adj impediment or lisp or (voice or speech) with disorder)) and (speech adj impediment)	USPAT: EPO: JPO	2002/12/09 14:35
-	18	((("5220610" "4916743" "5355431" "5617505" "5621850" "5630015" "4385359" "5220595" "5471557" "5539861" "5539860" "5632002" "5963892" "6076061" "6243675" "6385582" "5828998" "6134525" "5751904" "6188984" "6134322" "5749066" "5809462" "5864803" "5867816" "6233555" "6233556" "5721808" "4827516" "4837828" "5278942" "5712956" "6073096" "6076058" "6112173" "6064964" "6094476" "5956681" "5999606" "6064959" "6219643" "6219643" "6246779" "4573134" "4928302" "4984275" "5384833" "5577164" "5671329" "5758318").pn.) and network	USPAT: EPO: JPO	2002/12/09 16:07
-	9	((("5220610" "4916743" "5355431" "5617505" "5621850" "5630015" "4385359" "5220595" "5471557" "5539861" "5539860" "5632002" "5963892" "6076061" "6243675" "6385582" "5828998" "6134525" "5751904" "6188984" "6134322" "5749066" "5809462" "5864803" "5867816" "6233555" "6233556" "5721808" "4827516" "4837828" "5278942" "5712956" "6073096" "6076058" "6112173" "6064964" "6094476" "5956681" "5999606" "6064959" "6219643" "6219643" "6246779" "4573134" "4928302" "4984275" "5384833" "5577164" "5671329" "5758318").pn.) and network not neural adj network	USPAT: EPO: JPO	2002/12/09 16:36

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-	3	((("5220610" "4916743" "5355431" "5617505" "5621850" "5630015" "4385359" "5220595" "5471557" "5539861" "5539860" "5632002" "5963892" "6076061" "6243675" "6385582" "5828998" "6134525" "5751904" "6188984" "6134322" "5749066" "5809462" "5864803" "5867816" "6233555" "6233556" "5721808" "4827516" "4837828" "5278942" "5712956" "6073096" "6076058" "6112173" "6064964" "6094476" "5956681" "5999606" "6064959" "6219643" "6219643" "6246779" "4573134" "4928302" "4984275" "5384833" "5577164" "5671329" "5758318").pn.) and (camera or photograph\$4)	USPAT; EPO: JPO	2002/12/09 16:38
-	2	((("5220610" "4916743" "5355431" "5617505" "5621850" "5630015" "4385359" "5220595" "5471557" "5539861" "5539860" "5632002" "5963892" "6076061" "6243675" "6385582" "5828998" "6134525" "5751904" "6188984" "6134322" "5749066" "5809462" "5864803" "5867816" "6233555" "6233556" "5721808" "4827516" "4837828" "5278942" "5712956" "6073096" "6076058" "6112173" "6064964" "6094476" "5956681" "5999606" "6064959" "6219643" "6219643" "6246779" "4573134" "4928302" "4984275" "5384833" "5577164" "5671329" "5758318").pn.) and (camera or photograph\$4) and transform\$4	USPAT; EPO: JPO	2002/12/09 17:00
-	1	((("5220610" "4916743" "5355431" "5617505" "5621850" "5630015" "4385359" "5220595" "5471557" "5539861" "5539860" "5632002" "5963892" "6076061" "6243675" "6385582" "5828998" "6134525" "5751904" "6188984" "6134322" "5749066" "5809462" "5864803" "5867816" "6233555" "6233556" "5721808" "4827516" "4837828" "5278942" "5712956" "6073096" "6076058" "6112173" "6064964" "6094476" "5956681" "5999606" "6064959" "6219643" "6219643" "6246779" "4573134" "4928302" "4984275" "5384833" "5577164" "5671329" "5758318").pn.) and (camera or photograph\$4) with transform\$4	USPAT; EPO: JPO	2002/12/09 17:01
-	21309	(image or photo or camera or photograph\$4) with transform\$4	USPAT; EPO: JPO	2002/12/09 17:20
-	86	(((image or photo or camera or photograph\$4) with transform\$4) and 704/.ccls.	USPAT; EPO: JPO	2002/12/09 17:22
-	11	(((image or photo or camera or photograph\$4) with transform\$4) and 704/.ccls.) and photo\$10	USPAT; EPO: JPO	2002/12/10 12:51

Nolan, Daniel

From: Jones, Scott
Sent: Tuesday, December 10, 2002 1:24 PM
To: Nolan, Daniel
Subject: RE: Quick query on Application 6,471,420

Daniel,

As Michael O'Neill mentioned, I'm in the video game art as well. Therefore, you may want to contact an examiner in Class 434 that may handle the feature you describe.

Regards,

Scott Jones

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 12:44 PM
To: O'Neill, Mike; Jones, Scott; Mendoza, Robert
Subject: FW: Quick query on Application 6,471,420

Daniel A. Nolan, Examiner
(703)305-1368

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 12:42 PM
To: 'valencia.wallace@uspto.gov'
Subject: Quick query on Application 6,471,420

Greetings:

I am an examiner in speech/voice recognition & processing.

This case has the (very minor) feature where generally a speech recognizer differentiates between words spoken naturally and artificially, through a prosthesis or appliance.

I have done a thorough search of my art, NPL and Japanese patents without having something read on this. Could you advise, or confirm that the feature may be allowable?

Ciao!

Daniel A. Nolan, Examiner
(703)305-1368

Nolan, Daniel

From: Willise, David
Sent: Tuesday, December 10, 2002 1:17 PM
To: Nolan, Daniel
Cc: McDermott, Corinne
Subject: RE: Quick query on Application 6,471,420

I don't know of anything off hand, but you may want to check class 381, such as subclass 70, if you haven't already done so. The closest things in this area are 623/9; 600/23-24 (speech therapy); and 128/207.14+.

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 12:38 PM
To: McDermott, Corinne
Cc: Isabella, David; Willise, David; Preblich, Paul; Snow, Bruce
Subject: RE: Quick query on Application 6,471,420

Thanks: Anybody?

Daniel A. Nolan, Examiner
(703)305-1368

-----Original Message-----
From: McDermott, Corinne
Sent: Tuesday, December 10, 2002 12:37 PM
To: Nolan, Daniel
Subject: RE: Quick query on Application 6,471,420

I do not know the art well enough to comment on that. You should probably talk to one of my primaries, David Isabella, David Willise, Paul Preblich or Bruce Snow, for some help.

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 10:50 AM
To: McDermott, Corinne
Subject: FW: Quick query on Application 6,471,420

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 10:49 AM
To: 'corr.mcdermott@uspto.gov'
Subject: Quick query on Application 6,471,420

Greetings:

I am an examiner in speech/voice recognition & processing.

This case has the (very minor) feature where generally a speech recognizer differentiates between words spoken naturally and artificially, through a prosthesis or appliance.

I have done a thorough search of my art, NPL and Japanese patents without having something read on this. Could you advise, or confirm that the feature may be allowable?

Ciao!

Daniel A. Nolan, Examiner
(703)305-1368

Nolan, Daniel

From: O'Neill, Mike
Sent: Tuesday, December 10, 2002 1:06 PM
To: Nolan, Daniel; Jones, Scott; Mendoza, Robert
Subject: RE: Quick query on Application 6,471,420

This is a video game art examiner. I don't focus on speech recognition. We might have such an application mentioned in a few patents in either 463/1,353,639. You might want to check in class 434 with the examiners that do those applications because of the linguistics subclasses in class 434.

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 12:44 PM
To: O'Neill, Mike; Jones, Scott; Mendoza, Robert
Subject: FW: Quick query on Application 6,471,420

Daniel A. Nolan, Examiner
(703)305-1368

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 12:42 PM
To: Valencia.wallace@uspto.gov
Subject: Quick query on Application 6,471,420

Greetings:

I am an examiner in speech/voice recognition & processing.

This case has the (very minor) feature where generally a speech recognizer differentiates between words spoken naturally and artificially, through a prosthesis or appliance.

I have done a thorough search of my art, NPL and Japanese patents without having something read on this. Could you advise, or confirm that the feature may be allowable?

Ciao!

Daniel A. Nolan, Examiner
(703)305-1368

Nolan, Daniel

From: Preblich, Paul
Sent: Tuesday, December 10, 2002 1:05 PM
To: Nolan, Daniel
Subject: RE: Quick query on Application 6,471,420

I am not aware of anything like this in Class 623 or elsewhere.

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 12:38 PM
To: McDermott, Corinne
Cc: Isabella, David; Willse, David; Preblich, Paul; Snow, Bruce
Subject: RE: Quick query on Application 6,471,420

Thanks: Anybody?

Daniel A. Nolan, Examiner
(703)305-1368

-----Original Message-----
From: McDermott, Corinne
Sent: Tuesday, December 10, 2002 12:37 PM
To: Nolan, Daniel
Subject: RE: Quick query on Application 6,471,420

I do not know the art well enough to comment on that. You should probably talk to one of my primaries, David Isabella, David Willse, Paul Preblich or Bruce Snow, for some help.

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 10:50 AM
To: McDermott, Corinne
Subject: FW: Quick query on Application 6,471,420

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 10:49 AM
To: 'cor.mcdermott@uspto.gov'
Subject: Quick query on Application 6,471,420

Greetings:

I am an examiner in speech/voice recognition & processing.

This case has the (very minor) feature where generally a speech recognizer differentiates between words spoken naturally and artificially, through a prosthesis or appliance.

I have done a thorough search of my art, NPL and Japanese patents without having something read on this. Could you advise, or confirm that the feature may be allowable?

Ciao!

Daniel A. Nolan, Examiner
(703)305-1368

Nolan, Daniel

From: Snow, Bruce
Sent: Tuesday, December 10, 2002 1:04 PM
To: Nolan, Daniel
Subject: RE: Quick query on Application 6,471,420

I have never done anything like that. Dave Willis would be the best one to talk with.

Bruce

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 12:38 PM
To: McDermott, Corrine
Cc: Isabella, David; Willis, David; Preblich, Paul; Snow, Bruce
Subject: RE: Quick query on Application 6,471,420

Thanks: Anybody?

Daniel A. Nolan, Examiner
(703)305-1368

-----Original Message-----
From: McDermott, Corrine
Sent: Tuesday, December 10, 2002 12:37 PM
To: Nolan, Daniel
Subject: RE: Quick query on Application 6,471,420

I do not know the art well enough to comment on that. You should probably talk to one of my primaries. David Isabella, David Willis, Paul Preblich or Bruce Snow, for some help.

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 10:50 AM
To: McDermott, Corrine
Subject: FW: Quick query on Application 6,471,420

-----Original Message-----
From: Nolan, Daniel
Sent: Tuesday, December 10, 2002 10:49 AM
To: 'cor.mcdermott@uspto.gov'
Subject: Quick query on Application 6,471,420

Greetings:

I am an examiner in speech/voice recognition & processing.

This case has the (very minor) feature where generally a speech recognizer differentiates between words spoken naturally and artificially, through a prosthesis or appliance.

I have done a thorough search of my art, NPL and Japanese patents without having something read on this. Could you advise, or confirm that the feature may be allowable?

Ciao!

Daniel A. Nolan, Examiner
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